

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (QT Reviewed)

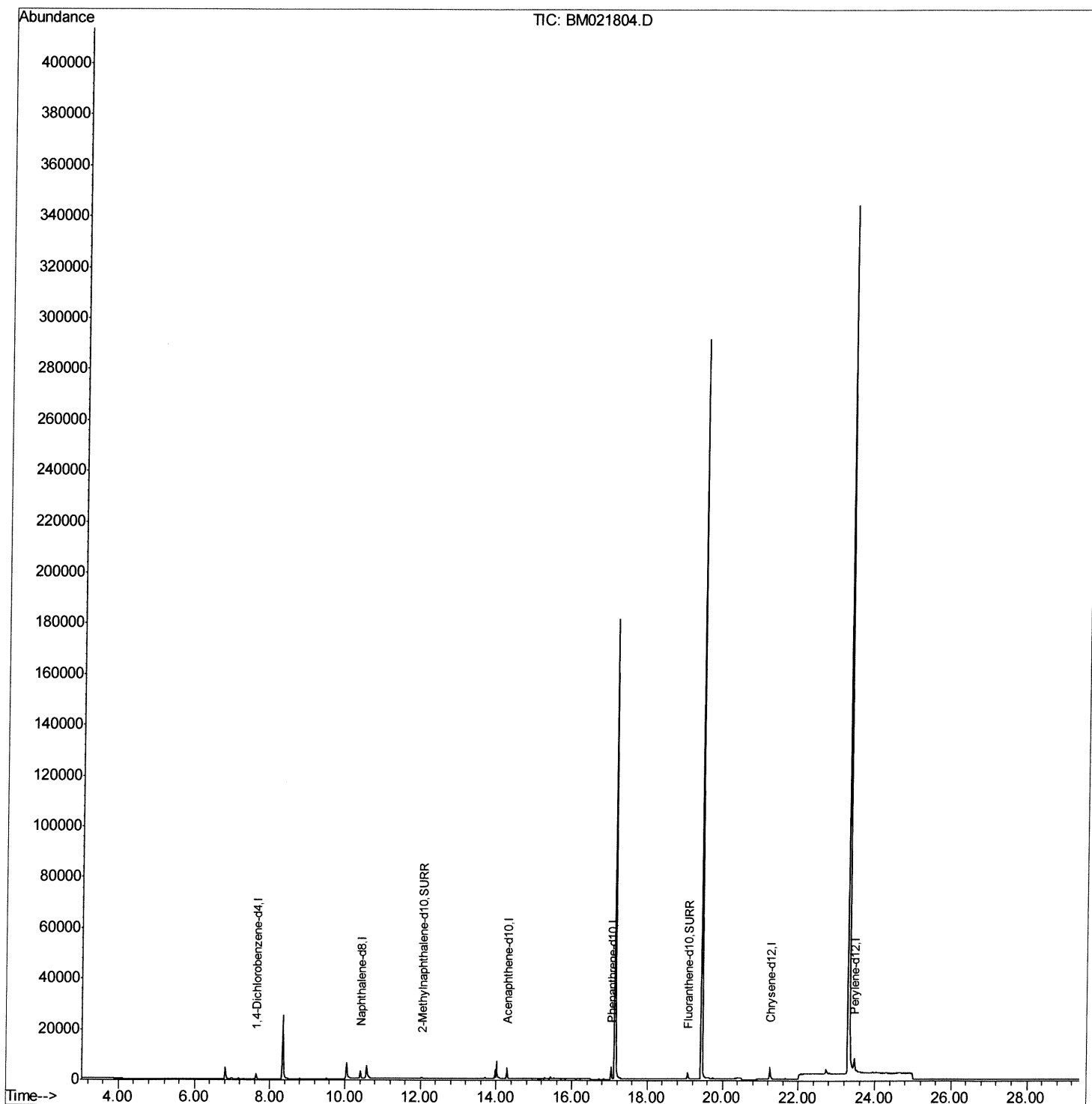
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

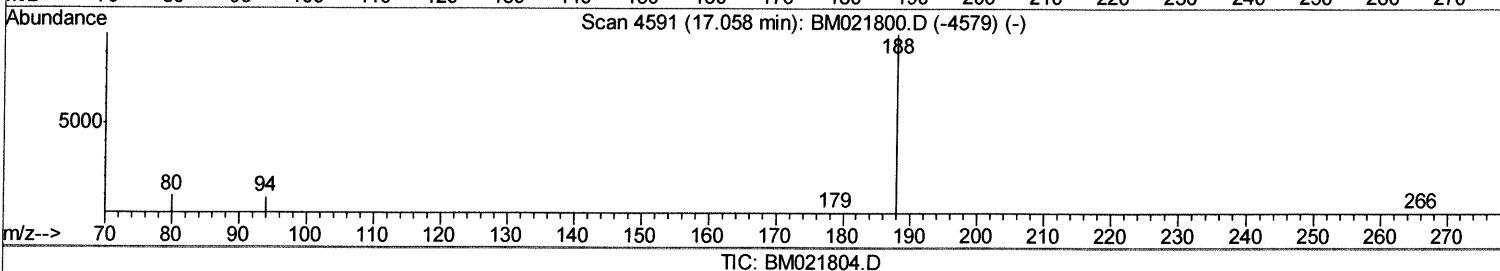
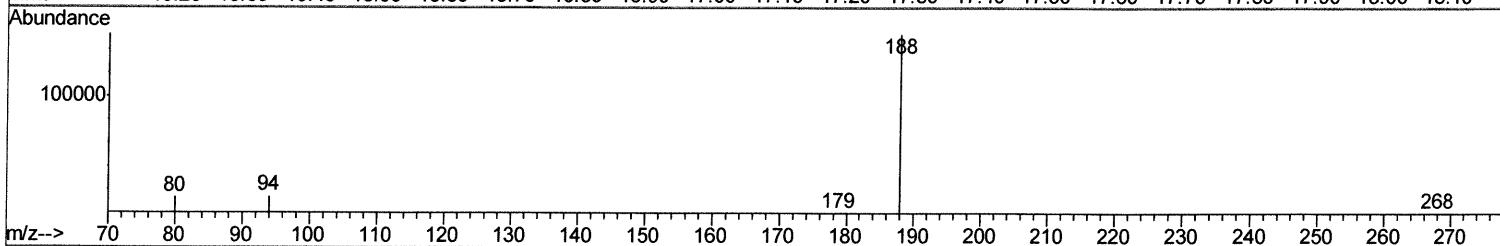
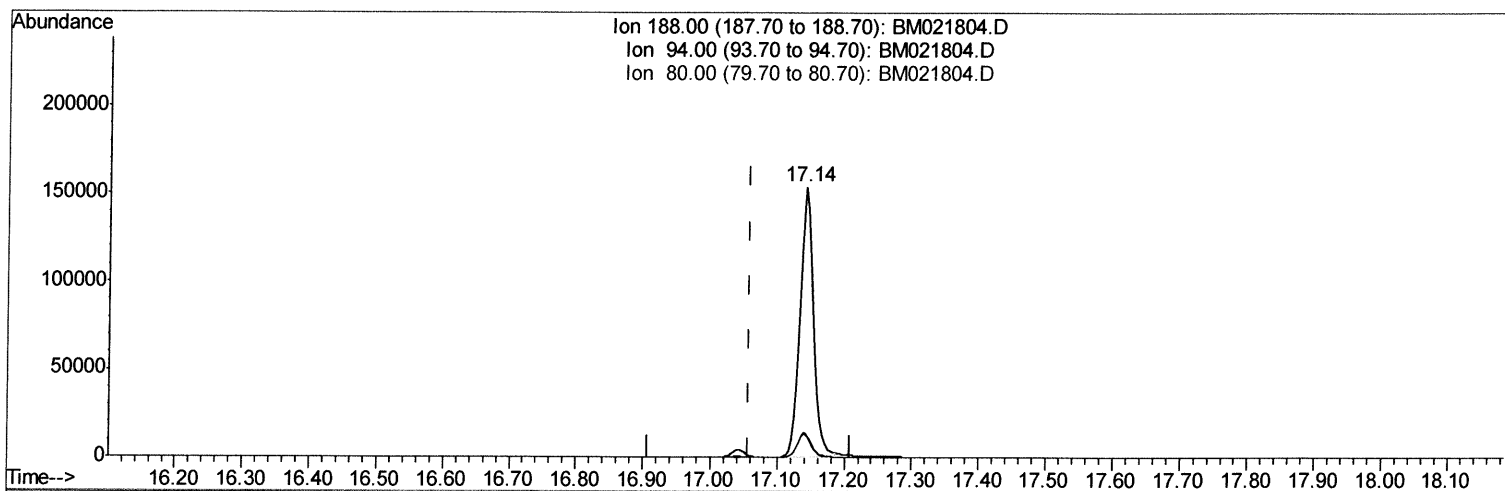
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:29:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.141min (+0.083) 0.40ng/ul

response 219250

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.20
80.00	11.40	8.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

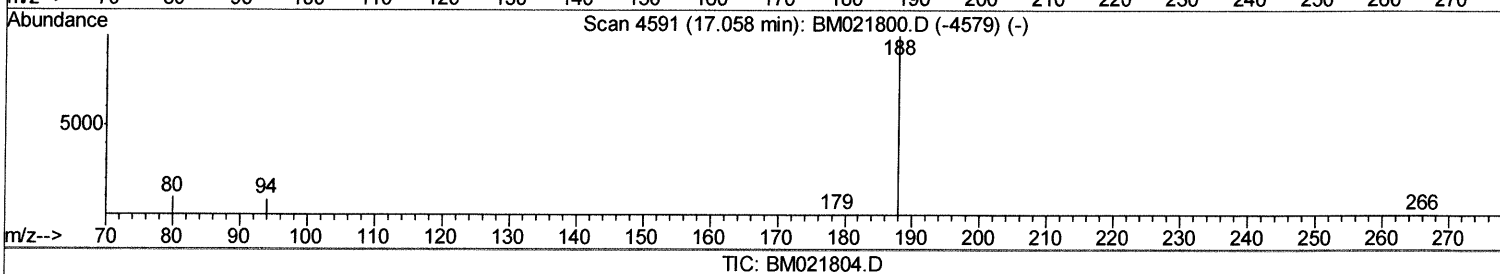
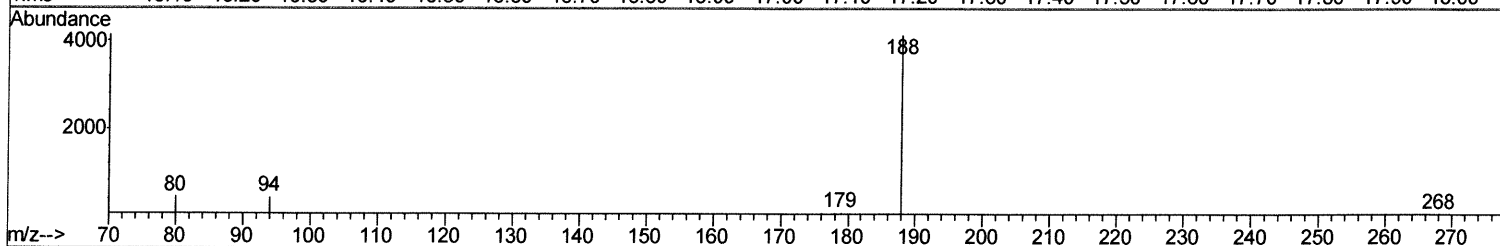
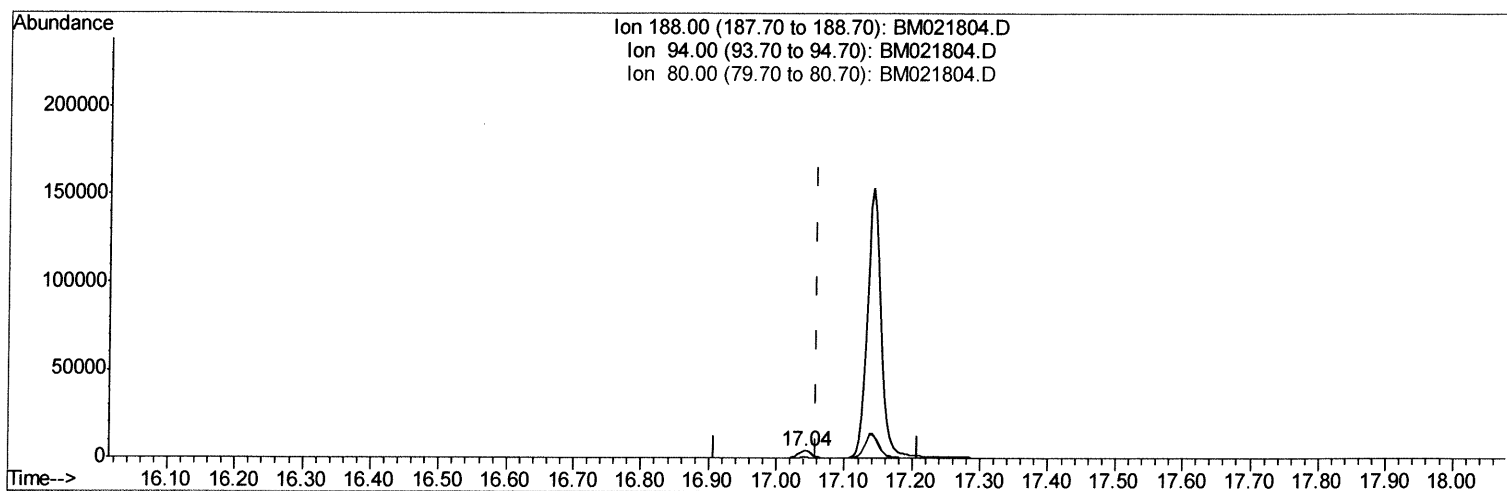
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:29:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.041min (-0.018) 0.40ng/ul m *JU* 08/05/19

response 5904

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	10.03
80.00	11.40	10.44
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

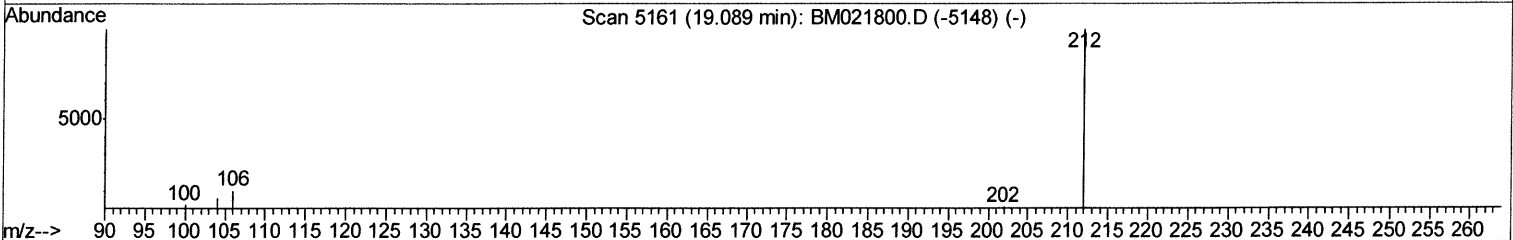
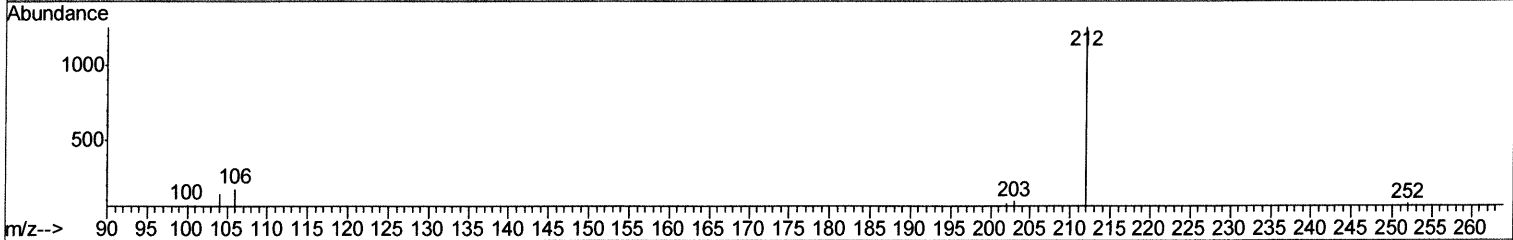
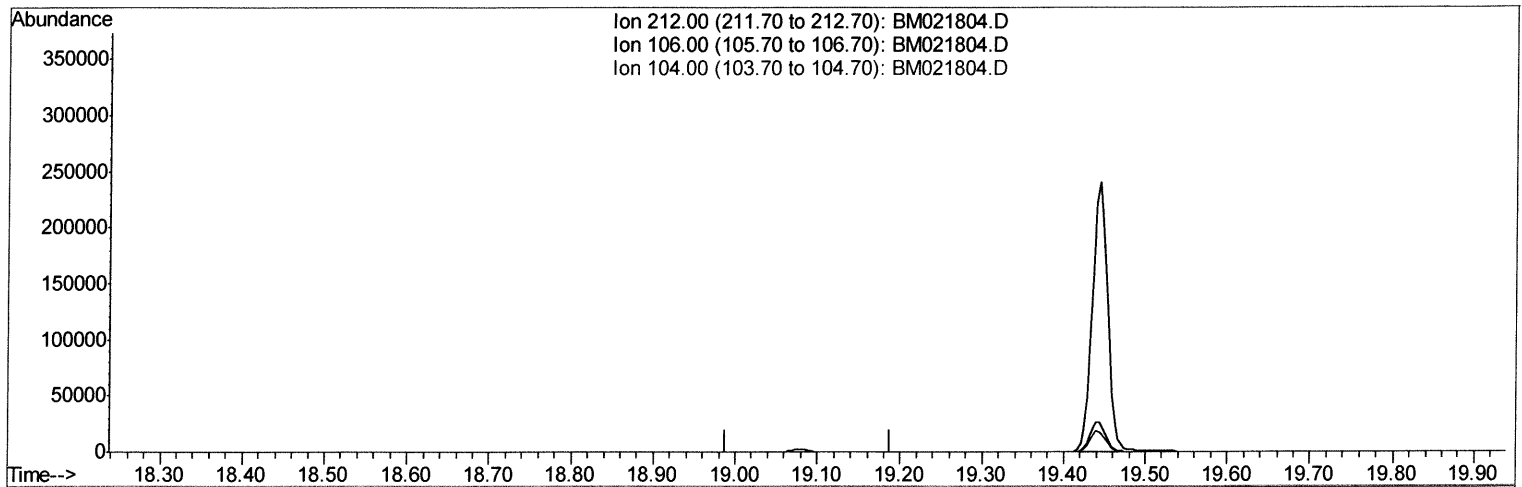
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021804.D

(14) Fluoranthene-d10 (SURR)

19.089min (-19.089) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

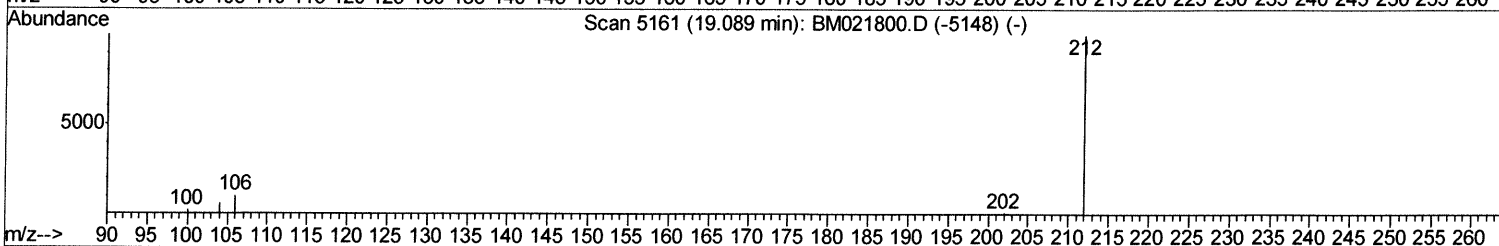
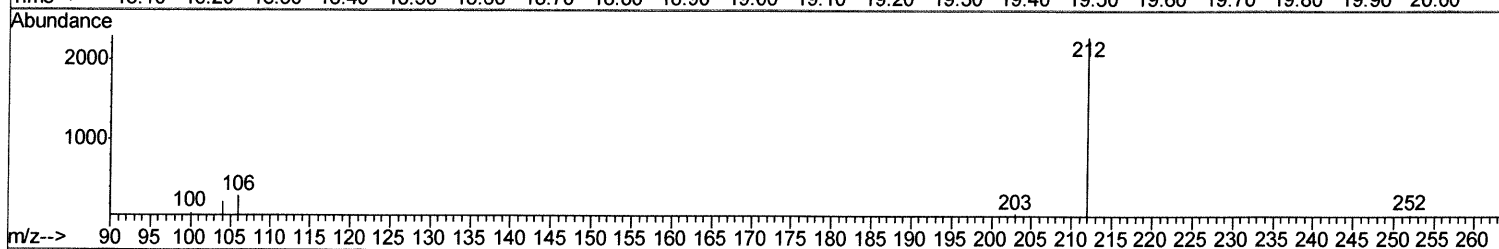
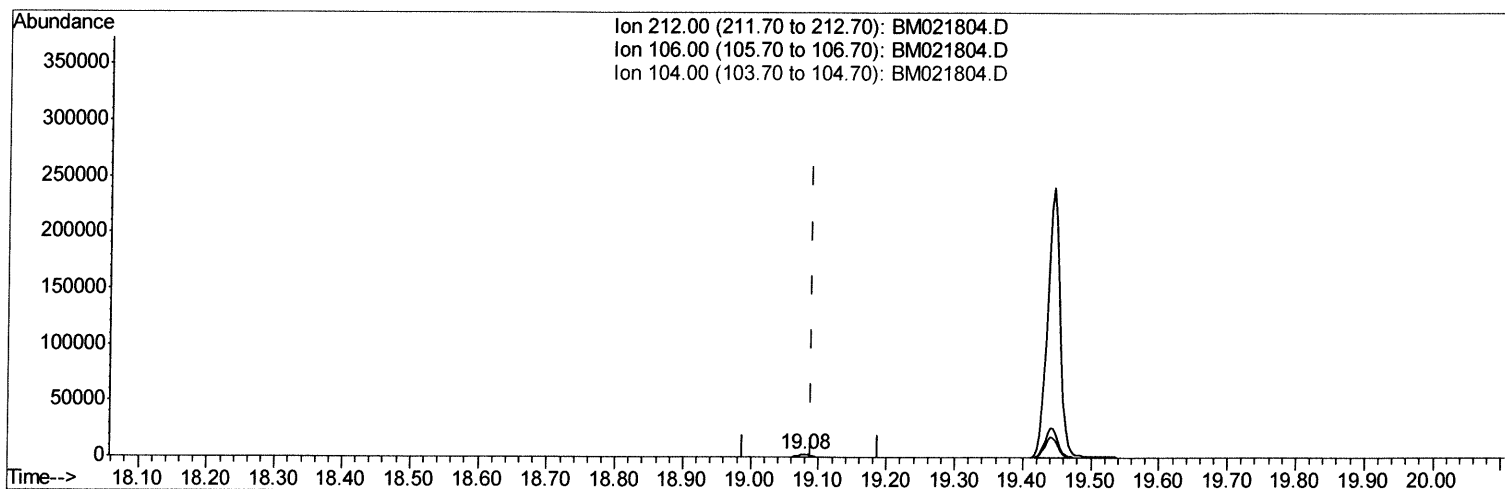
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021804.D

(14) Fluoranthene-d10 (SURR)

19.077min (-0.012) 0.17ng/ul m

JU
05/05/19

response 3299

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

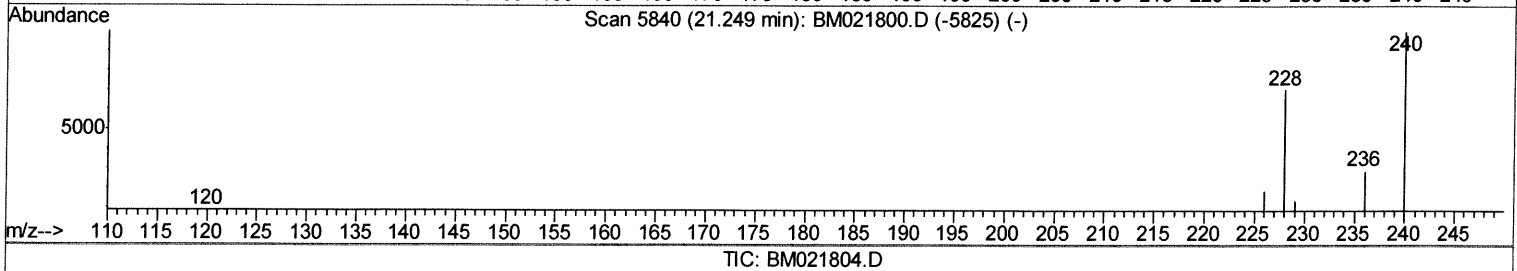
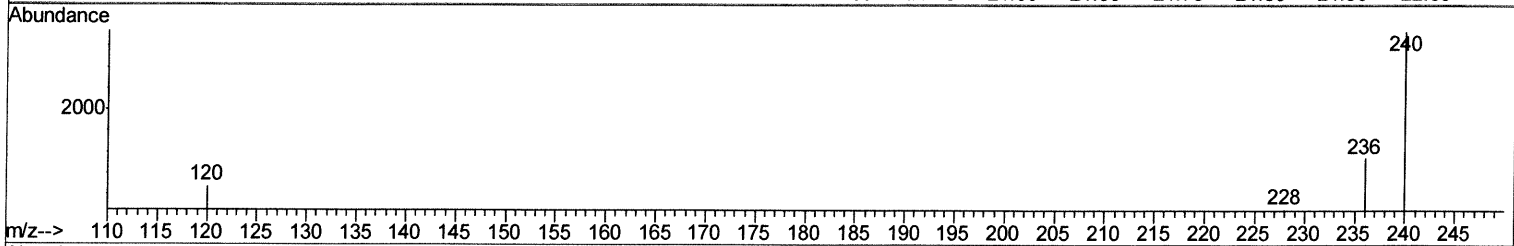
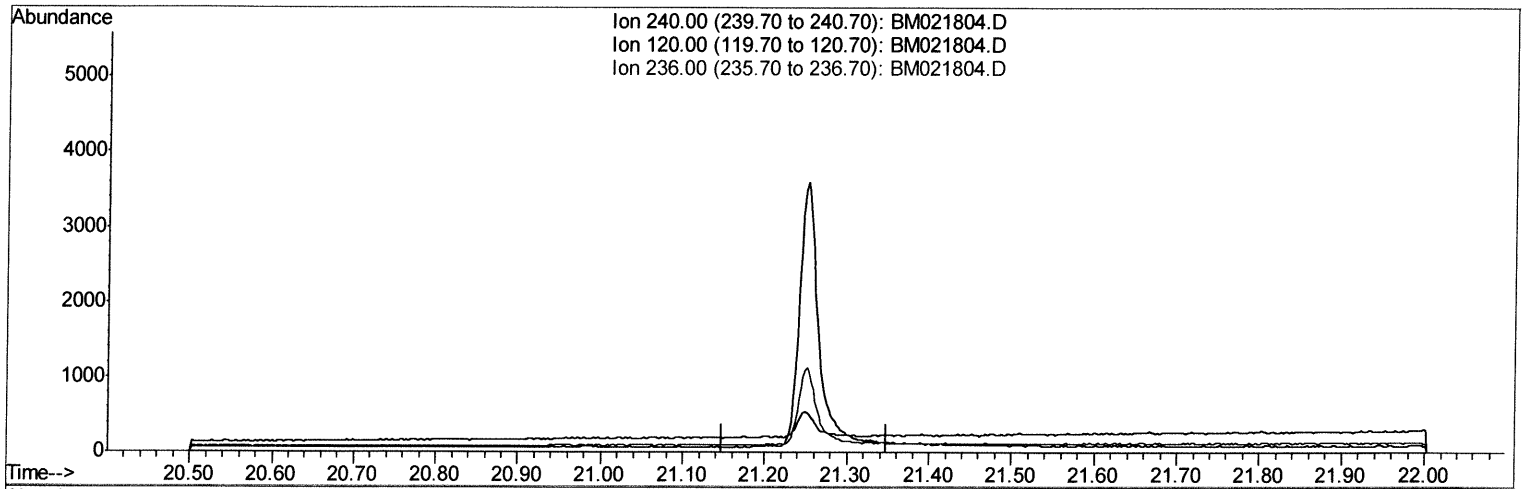
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(16) Chrysene-d12 (I)

21.249min (-21.249) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

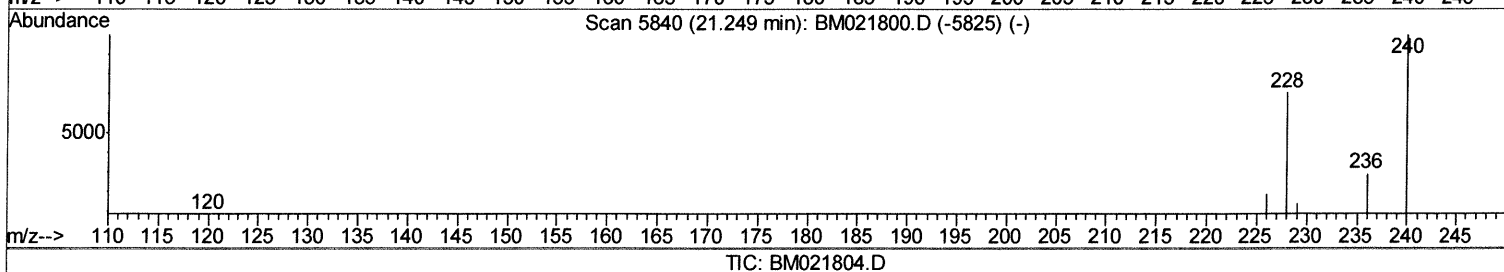
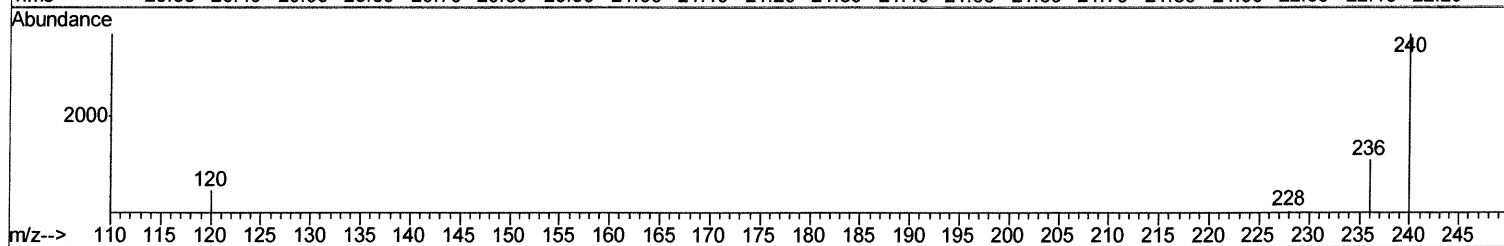
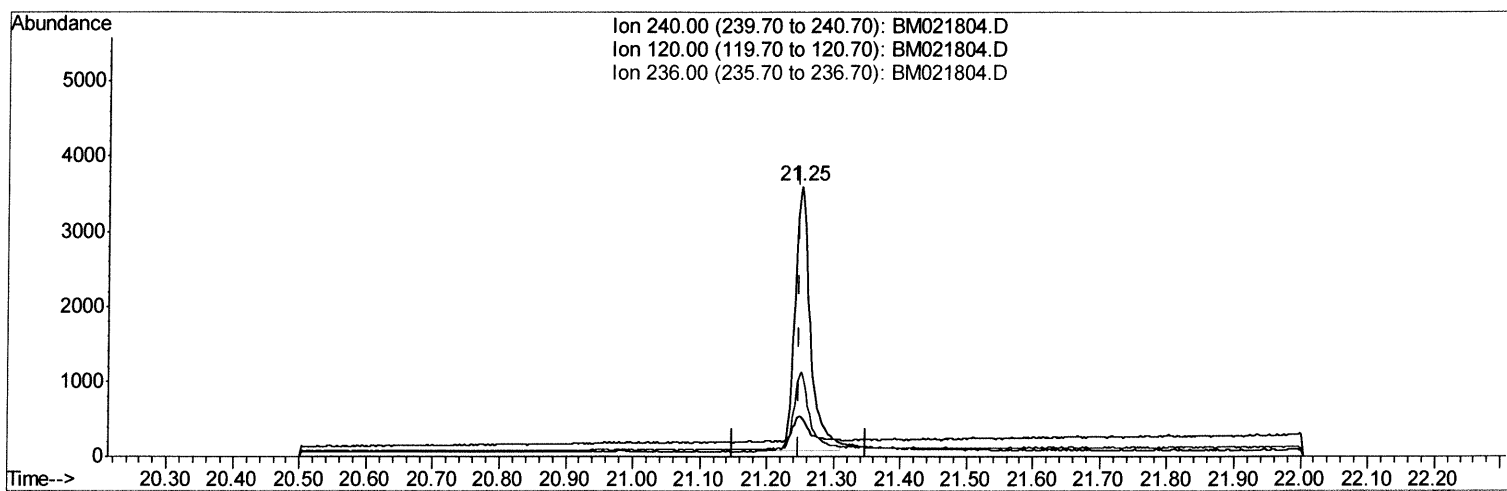
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:40:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021804.D

(16) Chrysene-d12 (I)

21.251min (+0.002) 0.40ng/ul m *JU 08/05/19*

response 5650

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.70
236.00	32.30	31.23
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

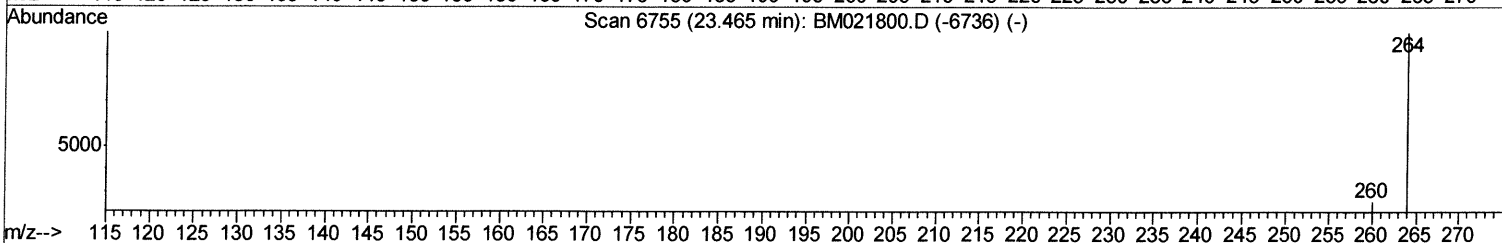
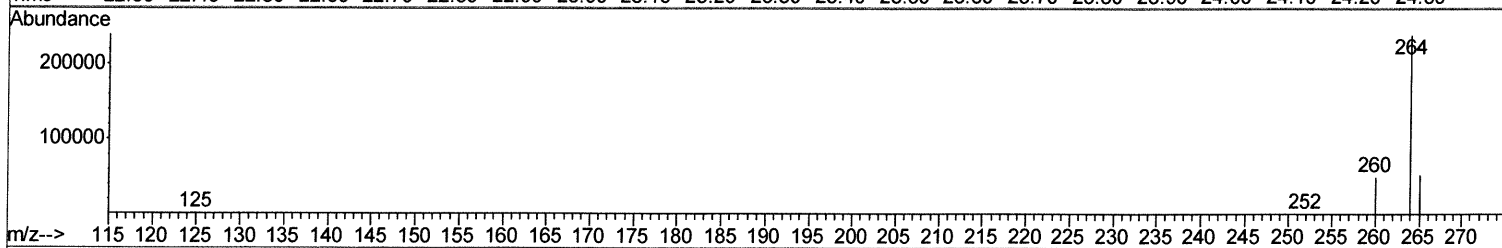
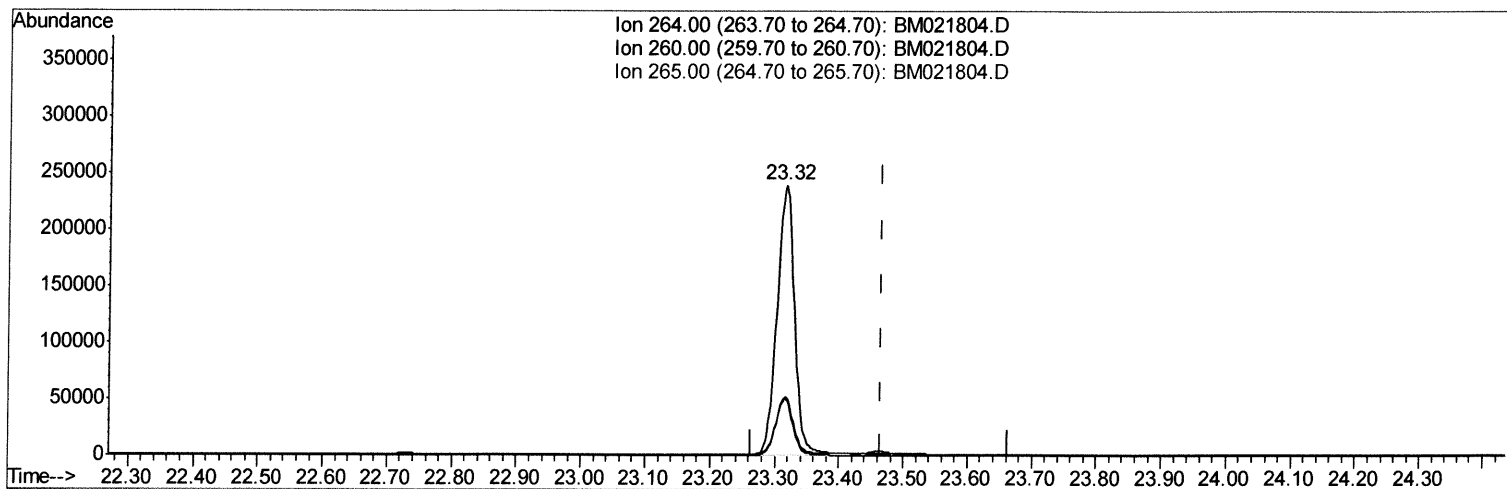
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:41:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021804.D

(20) Perylene-d12 (I)

23.317min (-0.148) 0.40ng/ul

response 453669

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.88#
265.00	117.00	21.92#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

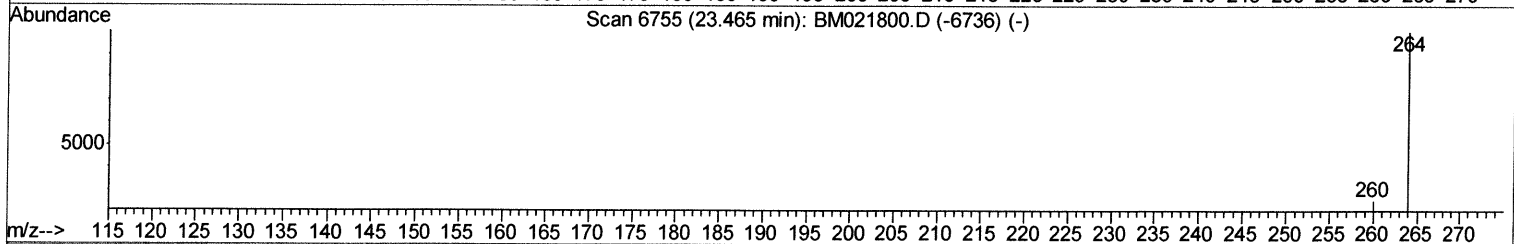
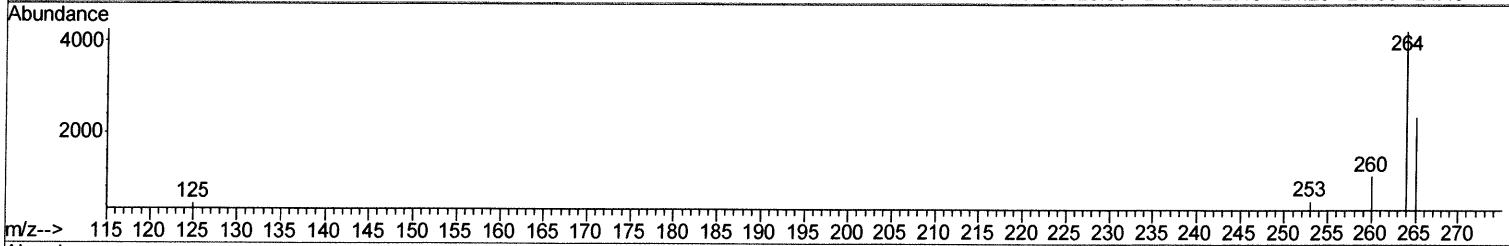
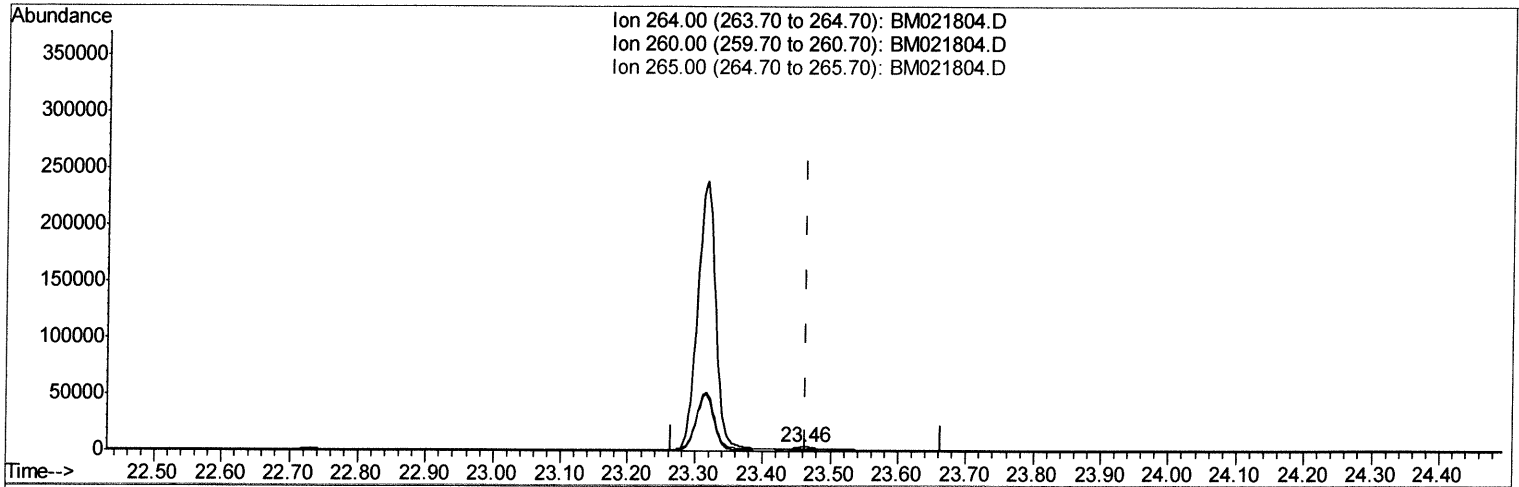
Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:41:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021804.D

(20) Perylene-d12 (I)

23.460min (-0.005) 0.40ng/ul m

JU 08/05/19

response 5359

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	25.35
265.00	117.00	55.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (QT Reviewed)

Data File : BM021804.D
Acq On : 04 Aug 2019 09:55
Operator : HP/JU
Sample : K3863-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:41:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1070	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	4270	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2409	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5904m>	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	5650m>	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5359m>	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	12.04	152	976	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	3299m>	0.17	ng/ul	-0.01

Target Compounds	Qvalue
------------------	--------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (QT Reviewed)

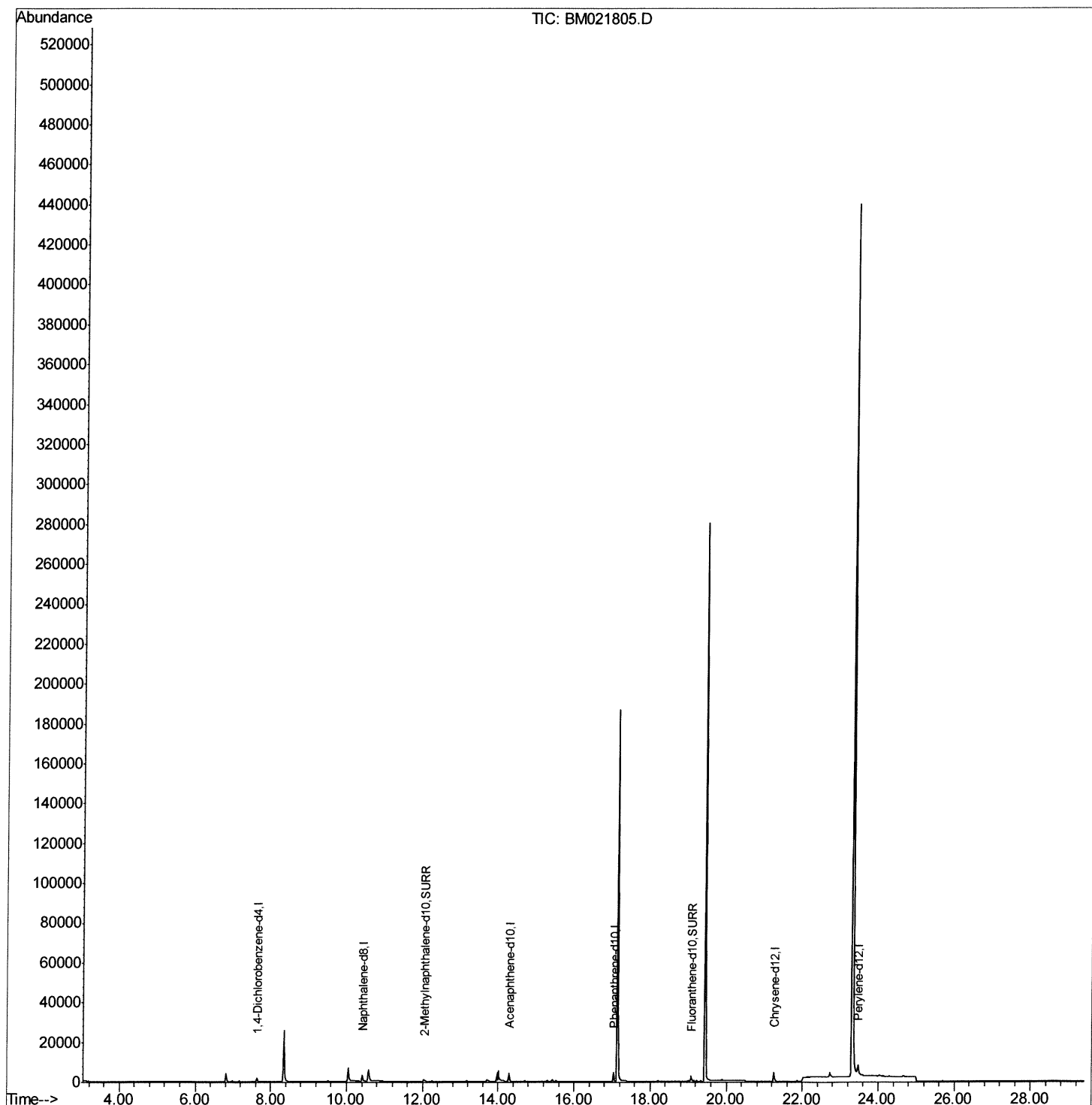
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:44:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

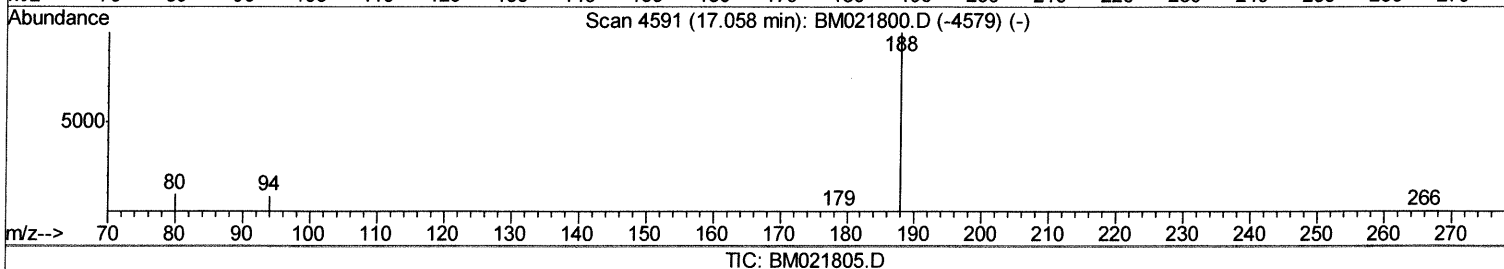
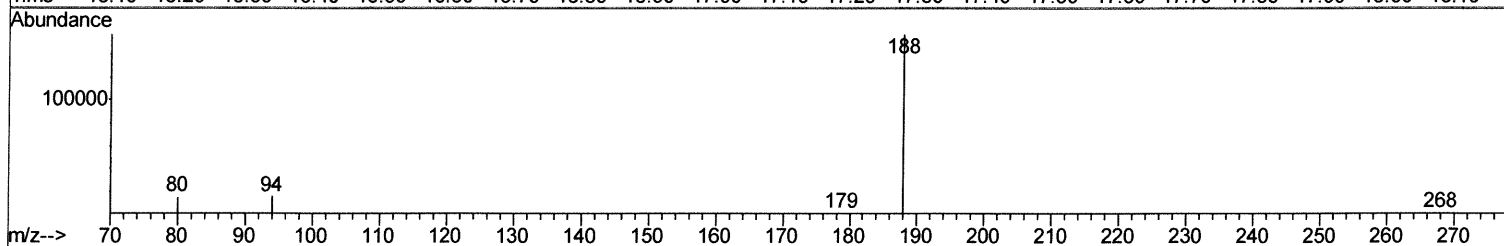
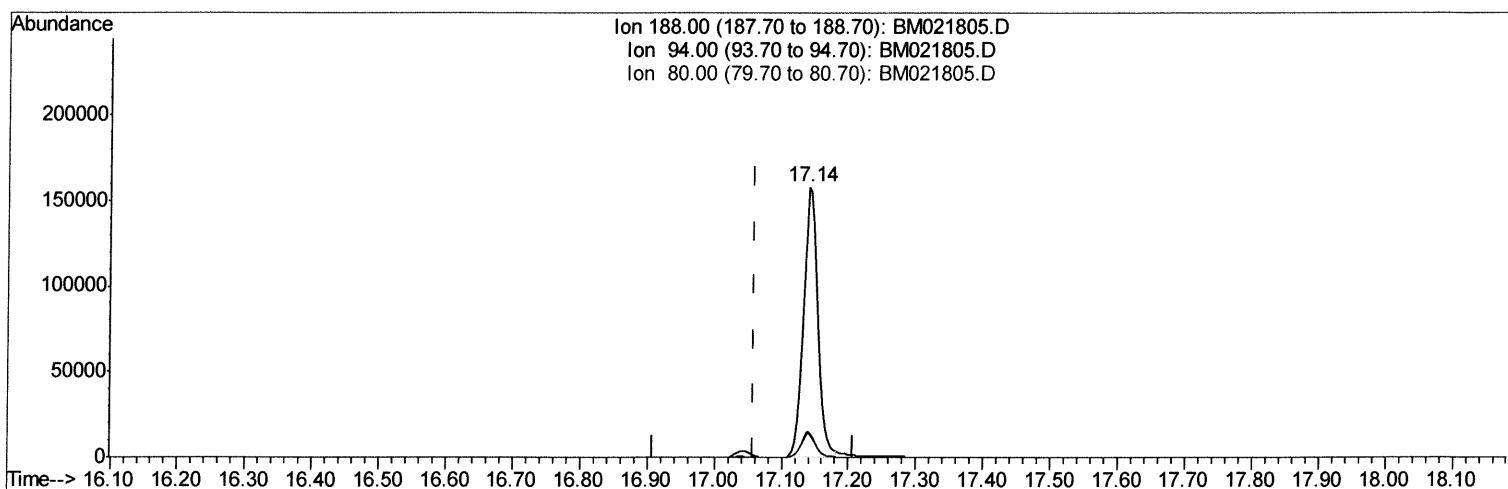
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:29:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(10) Phenanthrene-d10 (I)

17.140min (+0.082) 0.40ng/ul

response 238193

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.45
80.00	11.40	9.04#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

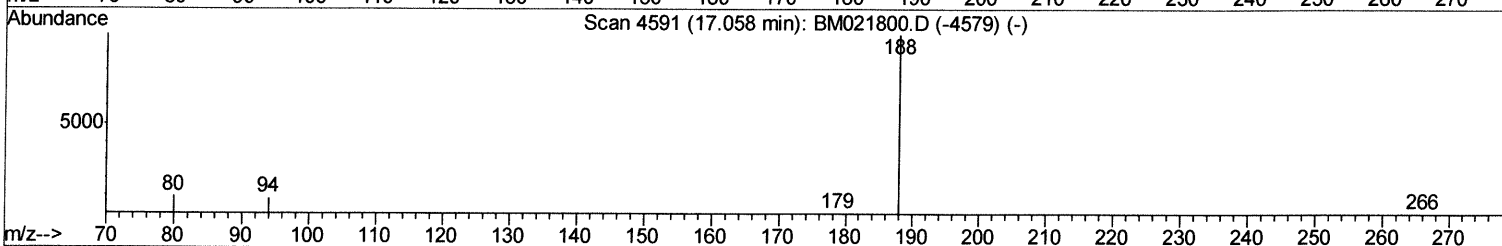
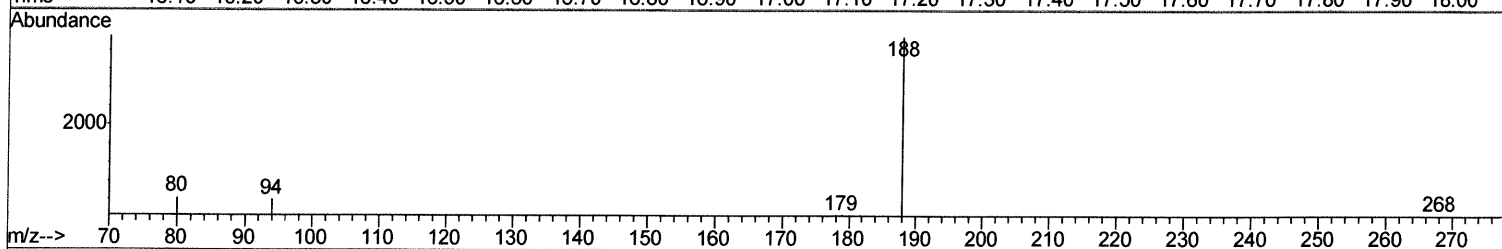
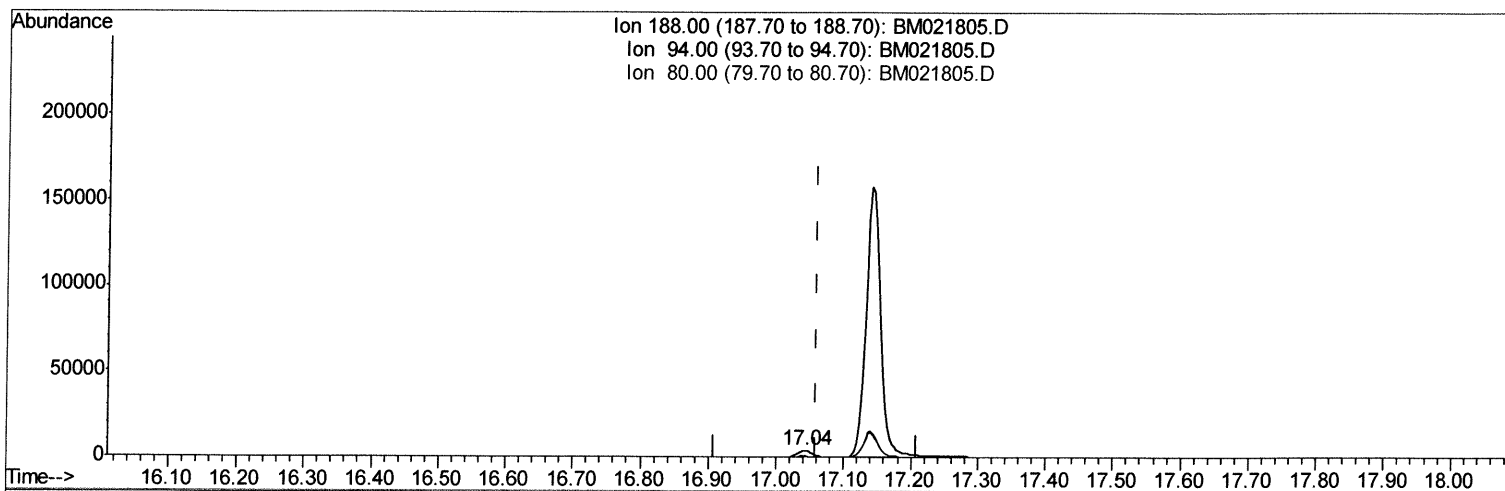
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:29:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021805.D

(10) Phenanthrene-d10 (I)

17.043min (-0.016) 0.40ng/ul m *JU 08/05/19*

response 5754

Ion	Exp%	Act%
188.00	100	100
94.00	10.40	9.95
80.00	11.40	10.80
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

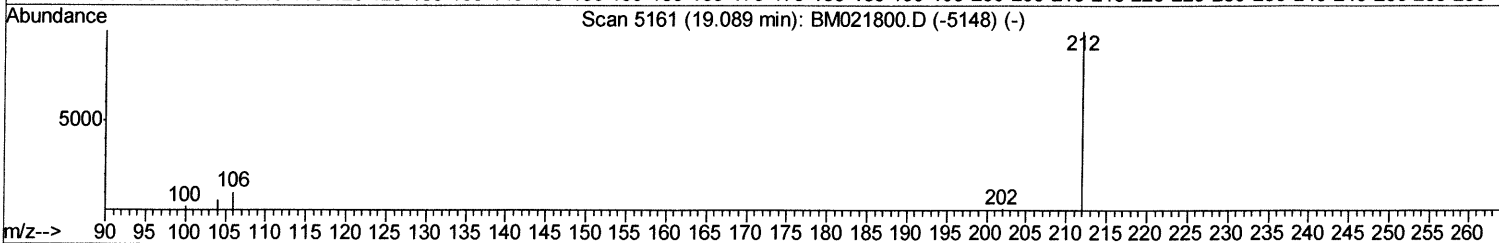
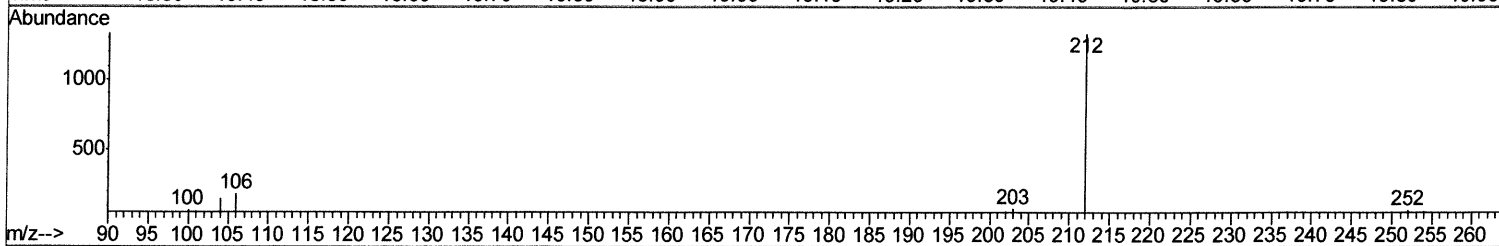
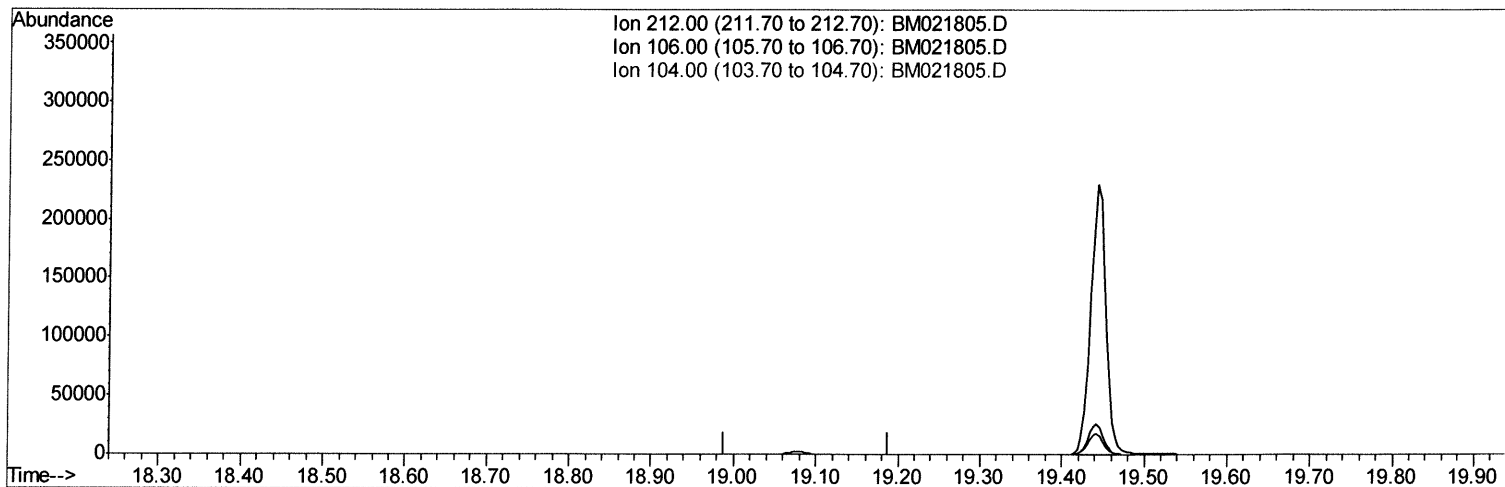
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021805.D

(14) Fluoranthene-d10 (SURR)

19.089min (-19.089) 0.00ng/ul

response 0

Ion	Exp%	Act%
212.00	100	0.00
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

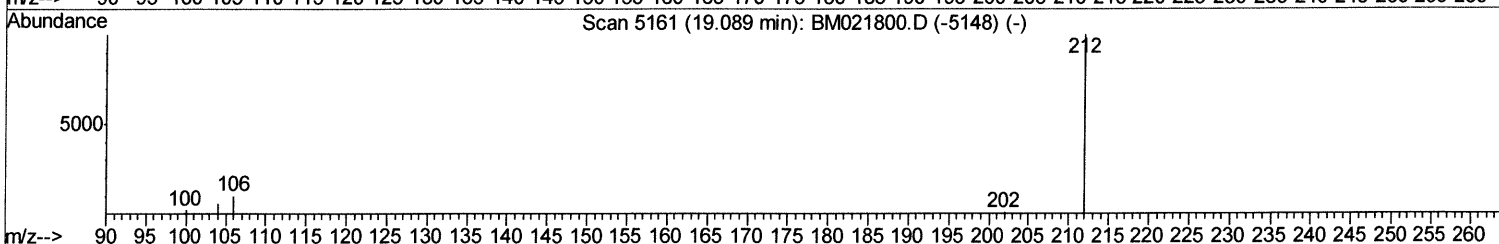
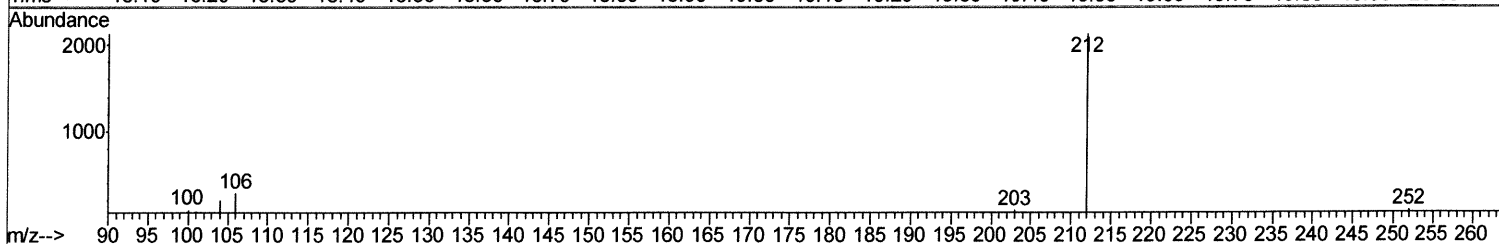
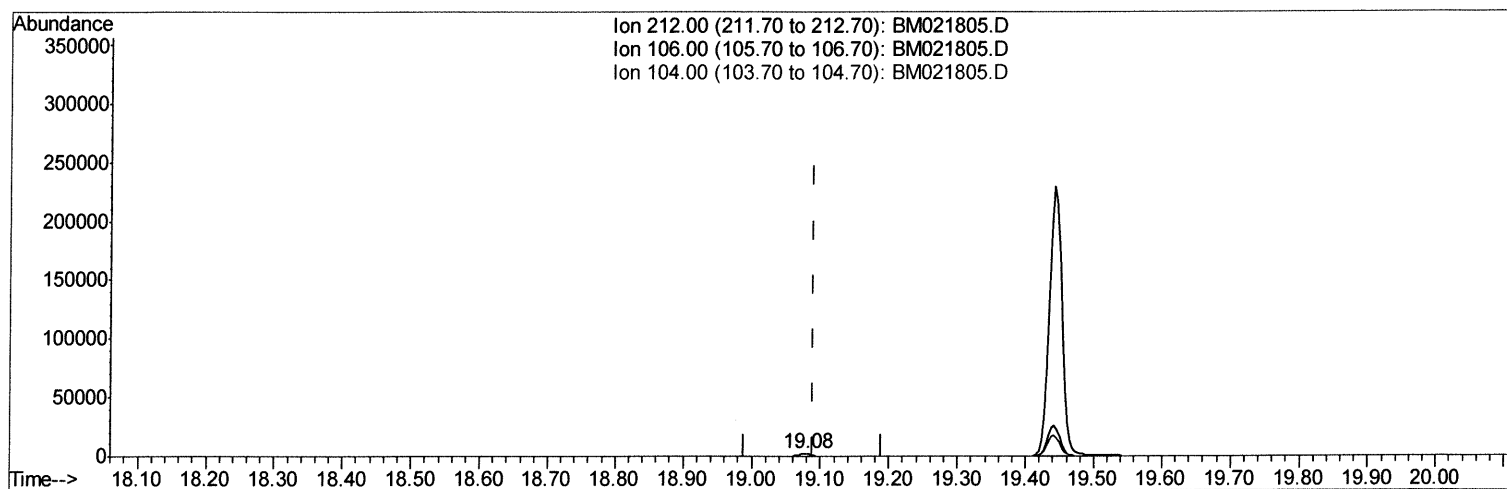
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021805.D

(14) Fluoranthene-d10 (SURR)

19.079min (-0.009) 0.15ng/ul m

JU
08/05/19

response 2936

Ion	Exp%	Act%
212.00	100	100
106.00	9.90	0.00#
104.00	6.00	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

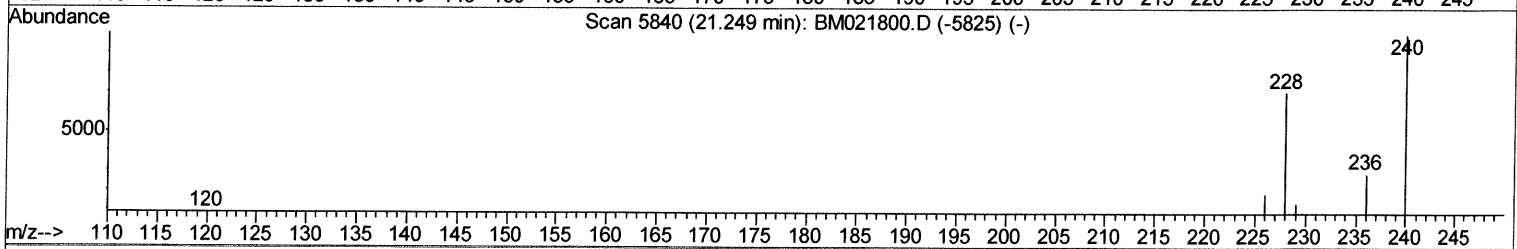
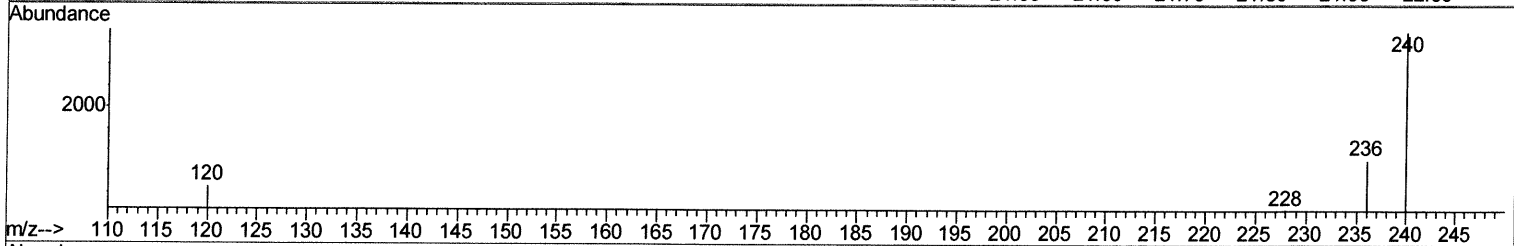
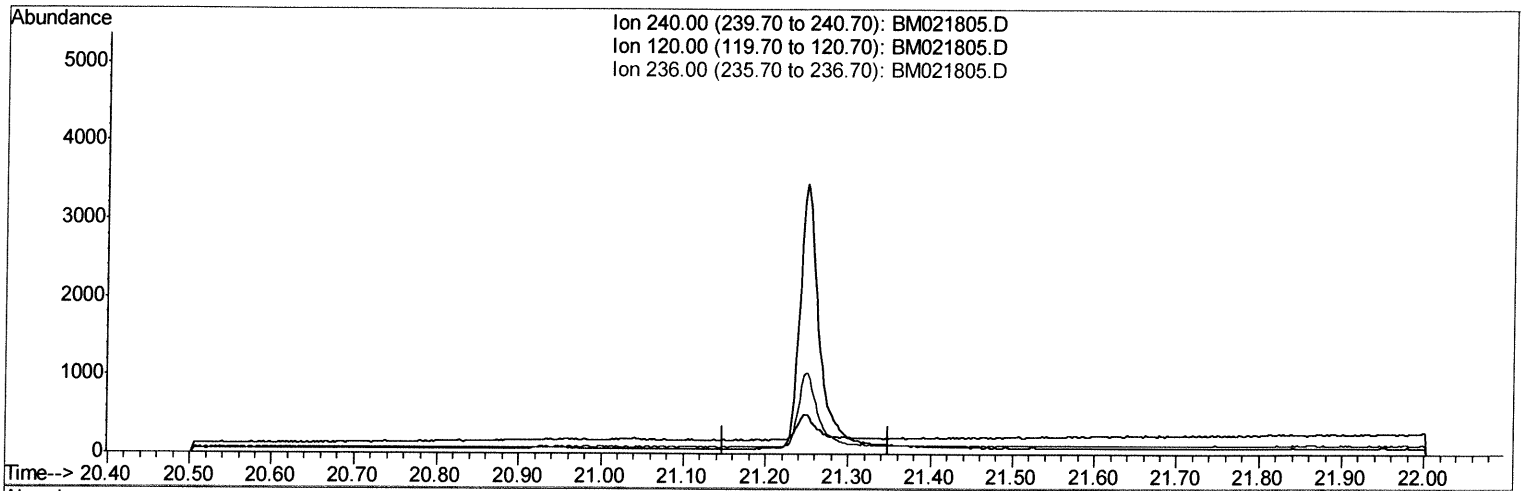
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021805.D

(16) Chrysene-d12 (I)

21.249min (-21.249) 0.00ng/ul

response 0

Ion	Exp%	Act%
240.00	100	0.00
120.00	16.20	0.00#
236.00	32.30	0.00#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

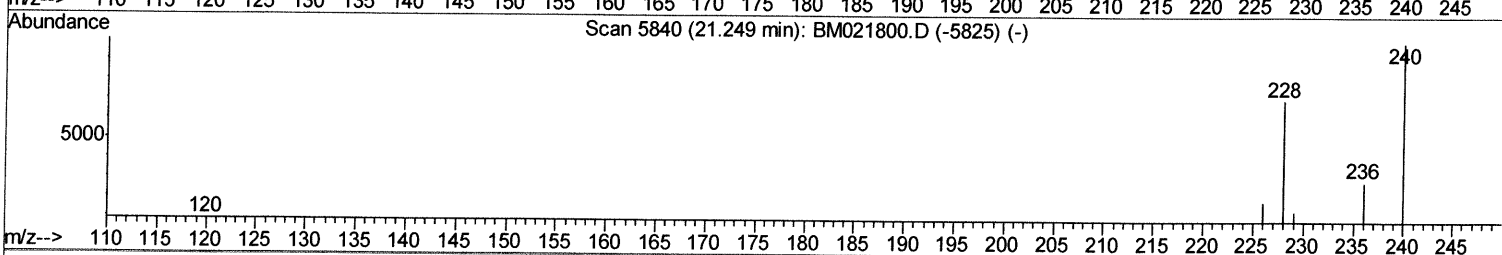
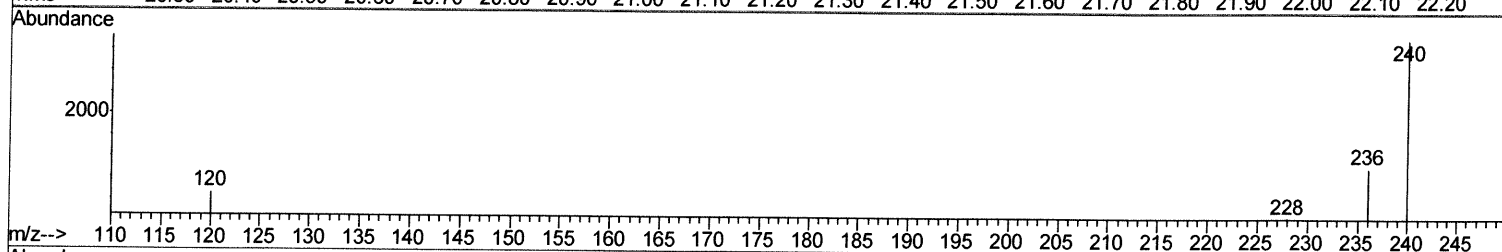
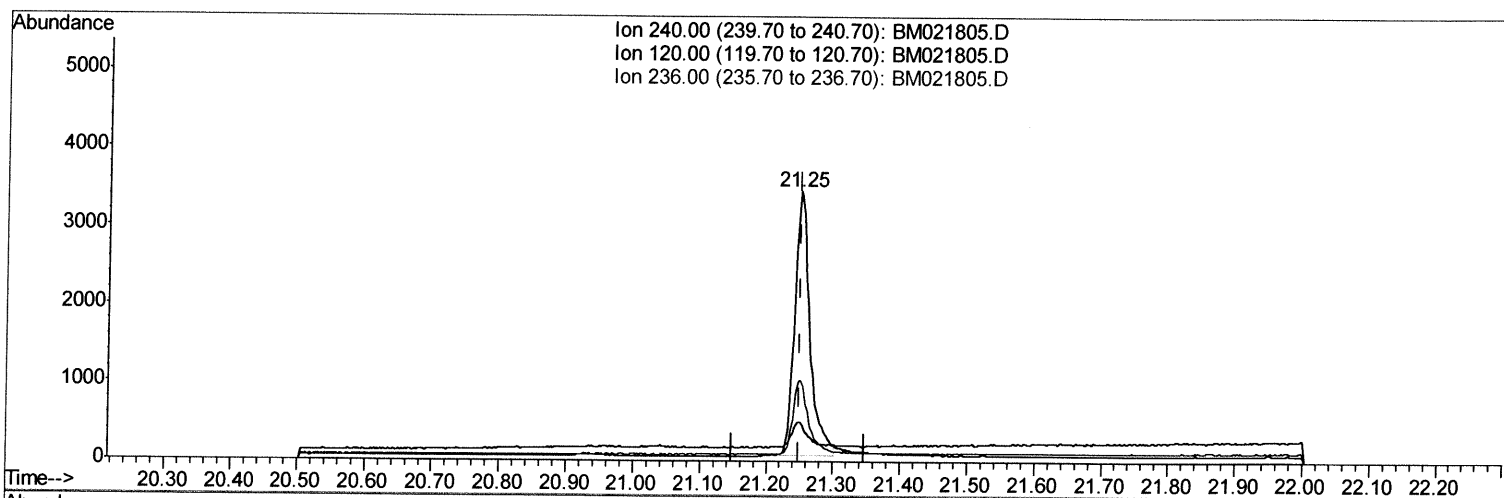
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:42:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021805.D

(16) Chrysene-d12 (I)

21.248min (-0.000) 0.40ng/ul m *Ju 08/05/19*

response 5380

Ion	Exp%	Act%
240.00	100	100
120.00	16.20	14.76
236.00	32.30	30.06
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

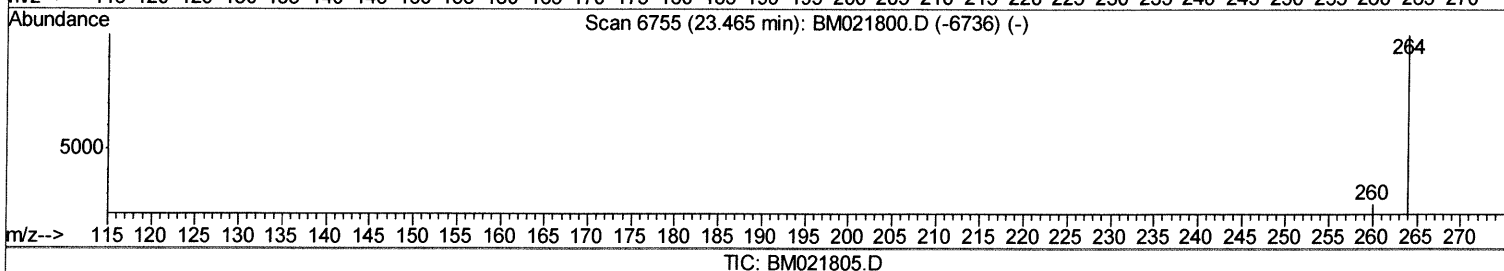
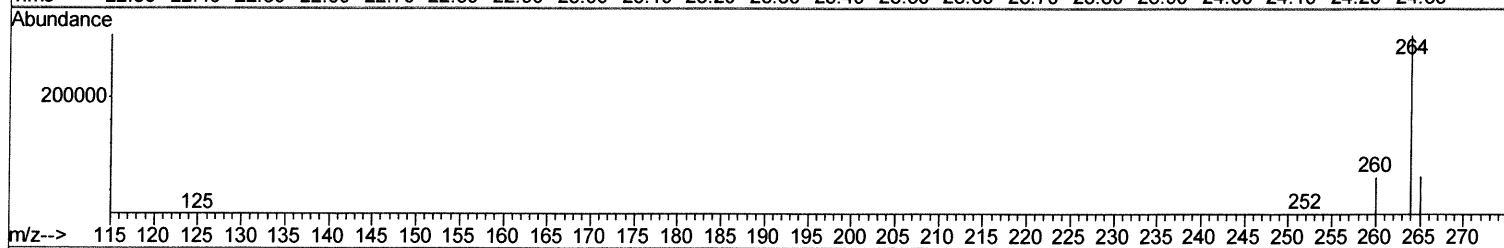
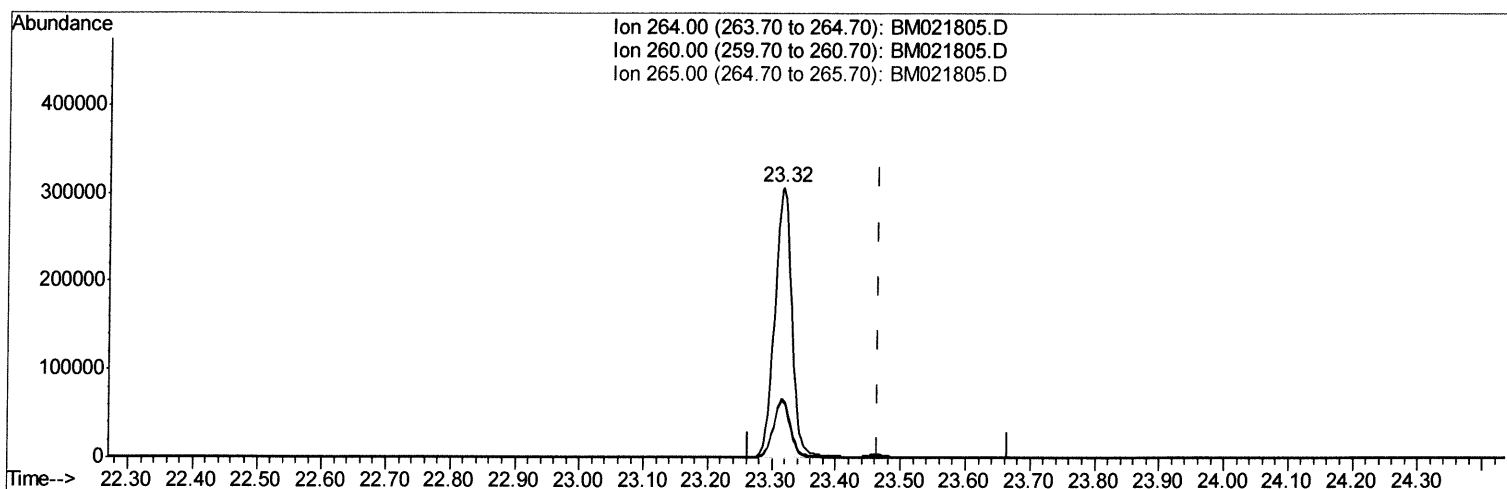
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:43:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



(20) Perylene-d12 (I)

23.316min (-0.148) 0.40ng/ul

response 571378

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	20.92#
265.00	117.00	21.77#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (Qedit)

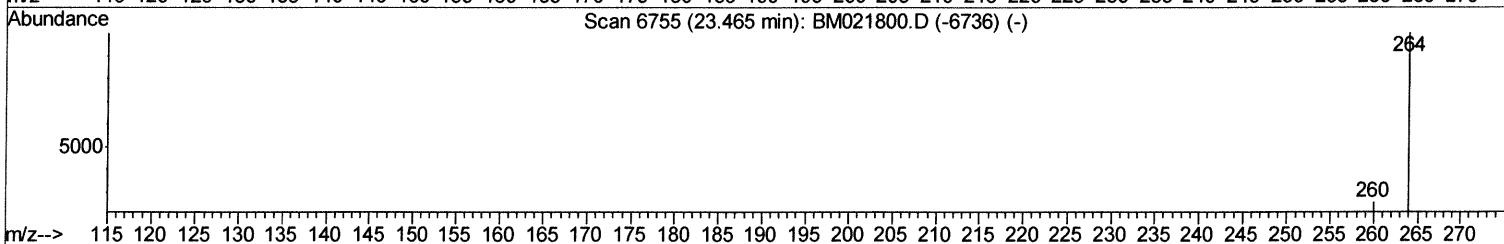
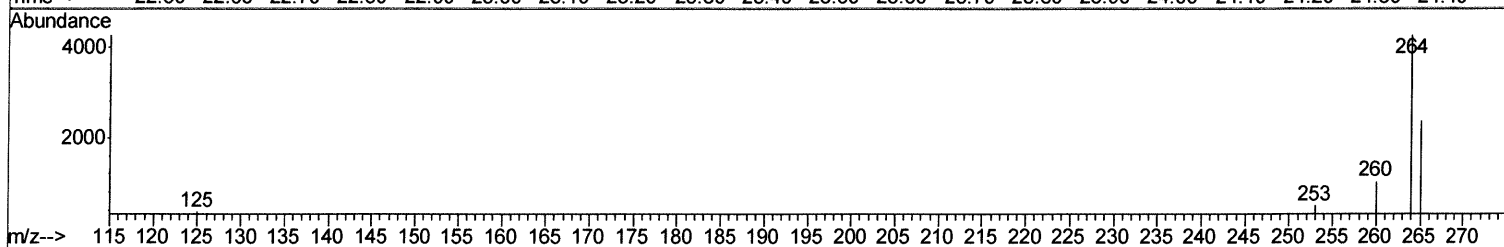
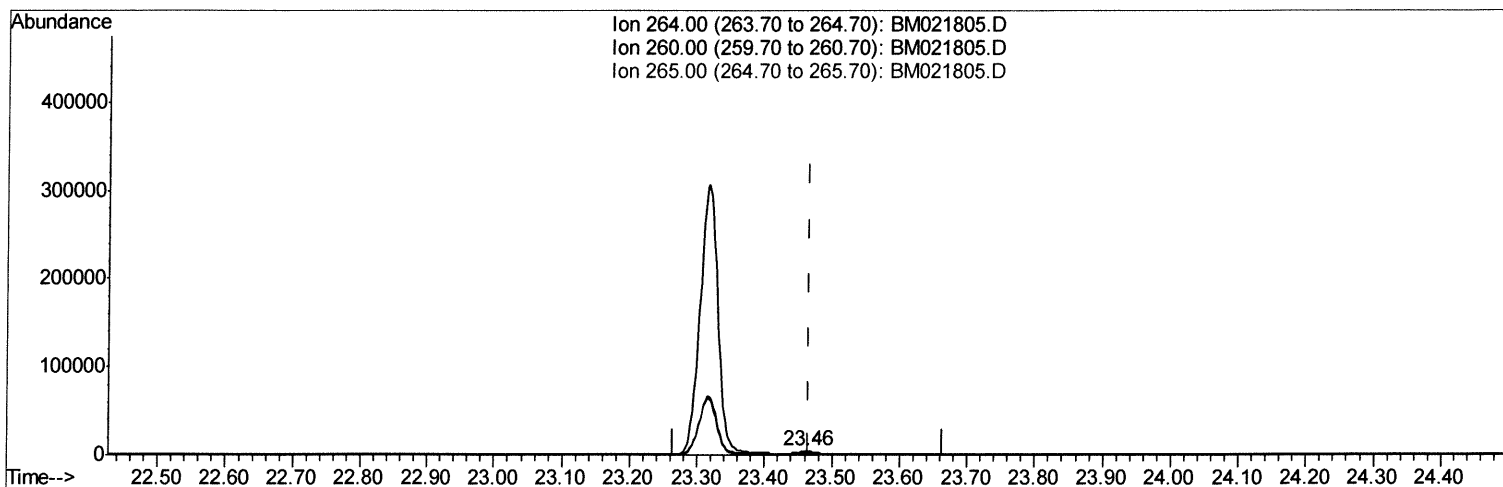
Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:43:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration



TIC: BM021805.D

(20) Perylene-d12 (I)

23.462min (-0.003) 0.40ng/ul m *JU 08/05/19*

response 5475

Ion	Exp%	Act%
264.00	100	100
260.00	27.50	24.31
265.00	117.00	55.61#
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080319\
Quantitation Report (QT Reviewed)

Data File : BM021805.D
Acq On : 04 Aug 2019 10:32
Operator : HP/JU
Sample : K3863-09
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A52H2

Manual Integrations
APPROVED

mohammad
8/5/2019 10:15:09 PM

Quant Time: Aug 05 05:44:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 05:26:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1044	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	4105	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.29	164	2346	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	5754m>	0.40	ng/ul	-0.02
16) Chrysene-d12	21.25	240	5380m>	0.40	ng/ul	0.00
20) Perylene-d12	23.46	264	5475m>	0.40	ng/ul	0.00

Ju
08/05/19

System Monitoring Compounds

4) 2-Methylnaphthalene-d10	12.04	152	1109	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	2936m>	0.15	ng/ul	0.00

Ju
08/05/19

Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed